

# Headquarters U.S. Air Force

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*I n t e g r i t y - S e r v i c e - E x c e l l e n  
c e*

## Air Force Safety Update



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**Maj Gen Wendell Griffin**  
Air Force Chief of Safety &  
Commander, Air Force Safety Center  
1 April 2008



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# Overview

- **FY08 Concerns**
- **Best Practices**
- **Scope**





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# ***FY 08 Aviation Concerns***

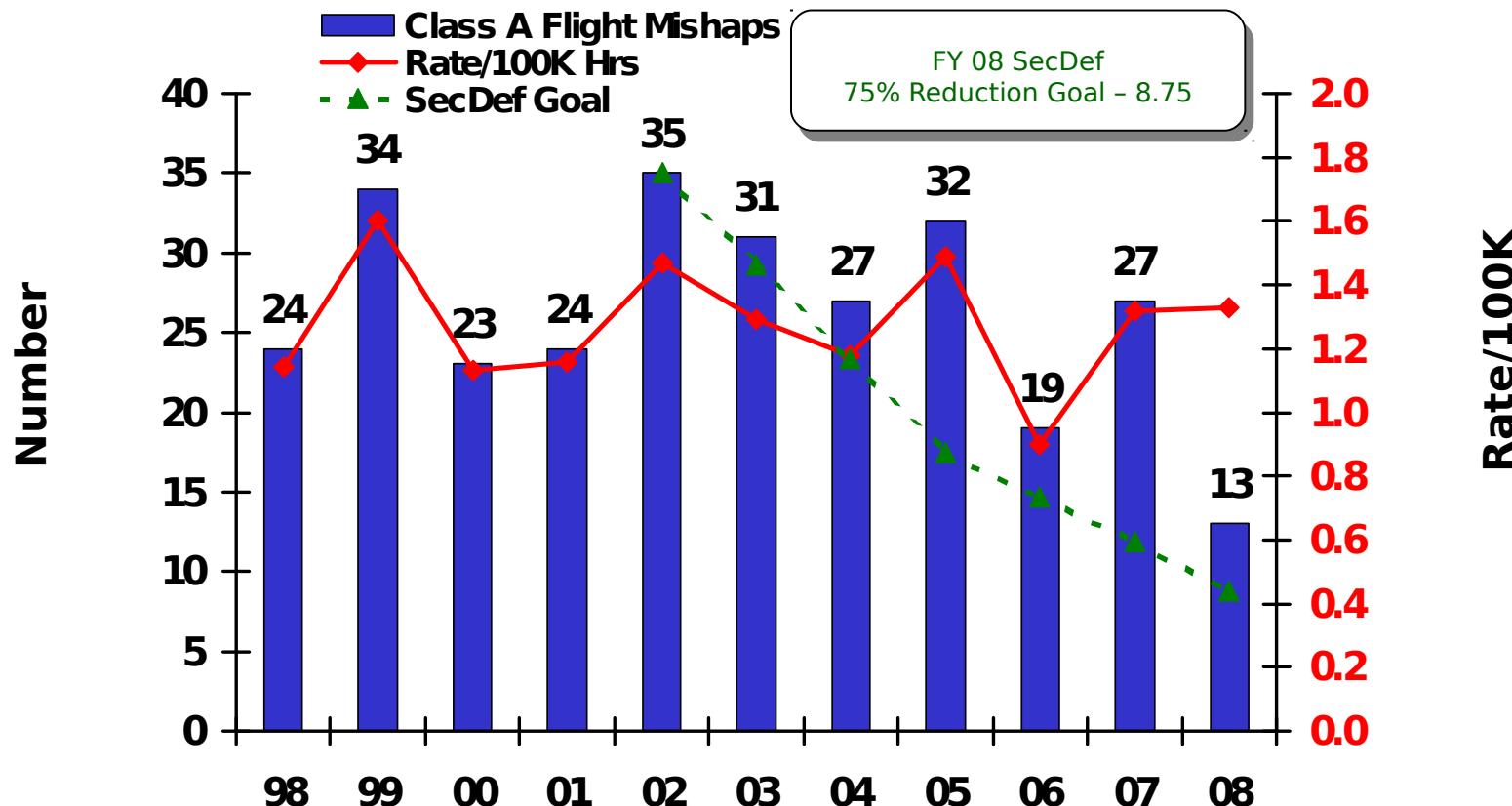




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# Class A Flight Mishaps

## FY 08 (thru 27 Mar 08)



Last Class A: 19 Mar 08, KC-10A #3 Engine Damage

FY 08

FY 07

**Class A Flight Mishaps / Class A Rate to Date: 13 / 1.33 13 / 1.33**  
**10-Year Avg (FY 98-07) Class A Mishaps / Mishap Rate: 27.6 / 1.27**



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# ***Individual Aircraft Class A Mishaps through 27 March 08***

<b>Date</b>	<b>Type</b>	<b>#Fatal</b>	<b>Location</b>	<b>Description</b>
1 Nov	F-22A	0	Nellis	#2 engine FOD discovered during post flight walk around
2 Nov	F-15C*	0	St Louis	Crashed on trng mission. Pilot safely ejected. Minor Injuries
12 Nov	KC-10A	0	Singapore	#2 Engine compressor stalled, rotor/stator damage, no injuries
20 Nov	E-8C	0	Qatar	Hard landing, unknown if destroyed, no fatalities
28 Nov	T-6*	0	Columbus	Midair btw 2 T-6, both crews ejected OK, both A/C destroyed
29 Nov	HH60G	0	Kandahar	Hard landing, brown out, FLIR & radome dmg, no injuries
17 Dec	C-17A	0	Hawaii	#2 eng oil pressure loss after landing, taxi to park, no injuries
15 Jan	F-16C*	0	Florida	Crashed into the ocean and was destroyed. Pilot ejected safely
1 Feb	F-15D*	0	Hawaii	Crashed into the ocean and was destroyed, pilot ejected safely
20 Feb	F-15C*	1	Florida	Midair btw 2 F-15, both crews ejected, 1 fatal, both a/c destroyed
23 Feb	B-2A*	0	Guam	B-2 crashed during T/O, both pilots ejected OK, no fatalities
14 Mar	F-16*	1	Arizona	Aircraft impacted the ground, 1 fatal
19 Mar	KC-10A	0	New Jersey	IFSD; #3 eng loss of oil

\* Indicates Destroyed Aircraft

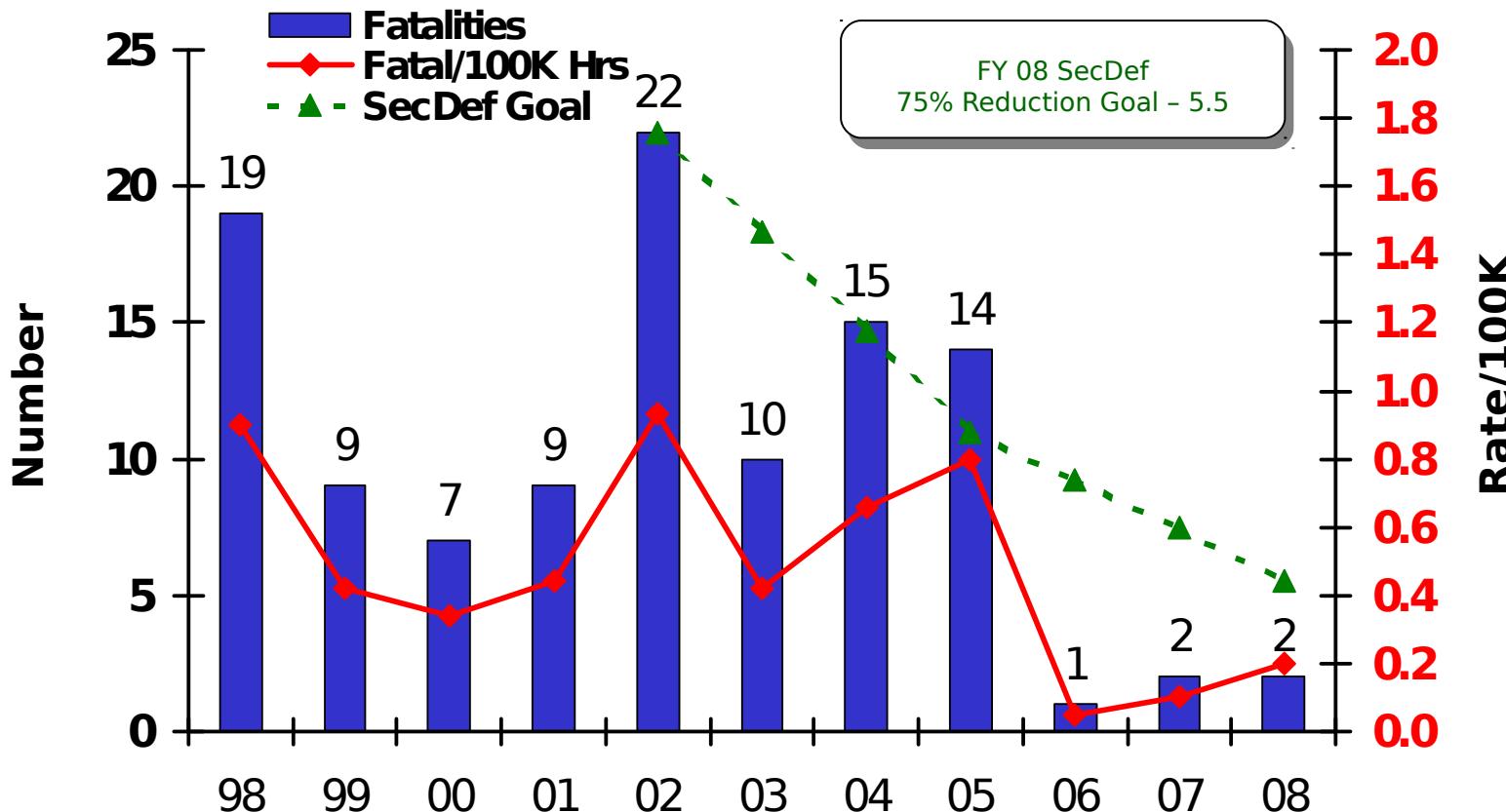


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# Aviation-Related Fatalities

## FY 08 (thru 27 Mar 08)



Last USAF Aviation-Related Fatality 14 Mar 08, F-16 (Luke AFB, AZ)

	FY 08	FY 07
Aviation Fatalities / Fatal Rate to Date:	2 / 0.2	0 / 0
10-Year Avg (FY 98-07) Annual Fatalities / Fatal Rate:	10.8 / 0.50	

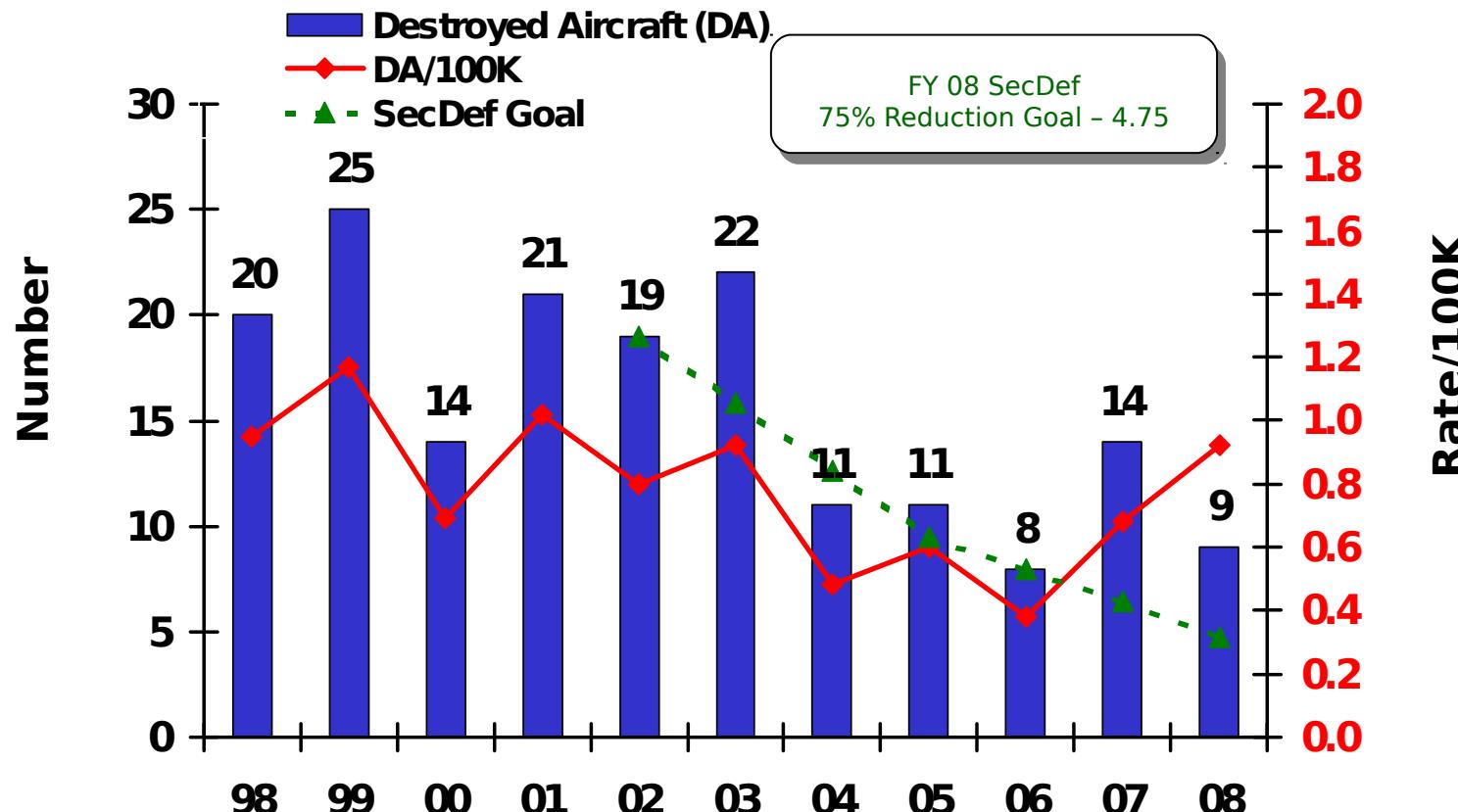


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# Destroyed USAF Aircraft

## FY 08 (thru 27 Mar 08)



Last Destroyed Aircraft: 14 Mar 08, F-16 impacted the ground, 1 fatality

**FY 08      FY 07**

**Destroyed Aircraft / Rate to Date:** 9 / 0.92 8 / 0.82

**10-Year Avg (FY 98-07) Annual Destroyed Aircraft / Rate:**  
16.5 / 0.76



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# ***FY 08 Ground Concerns***



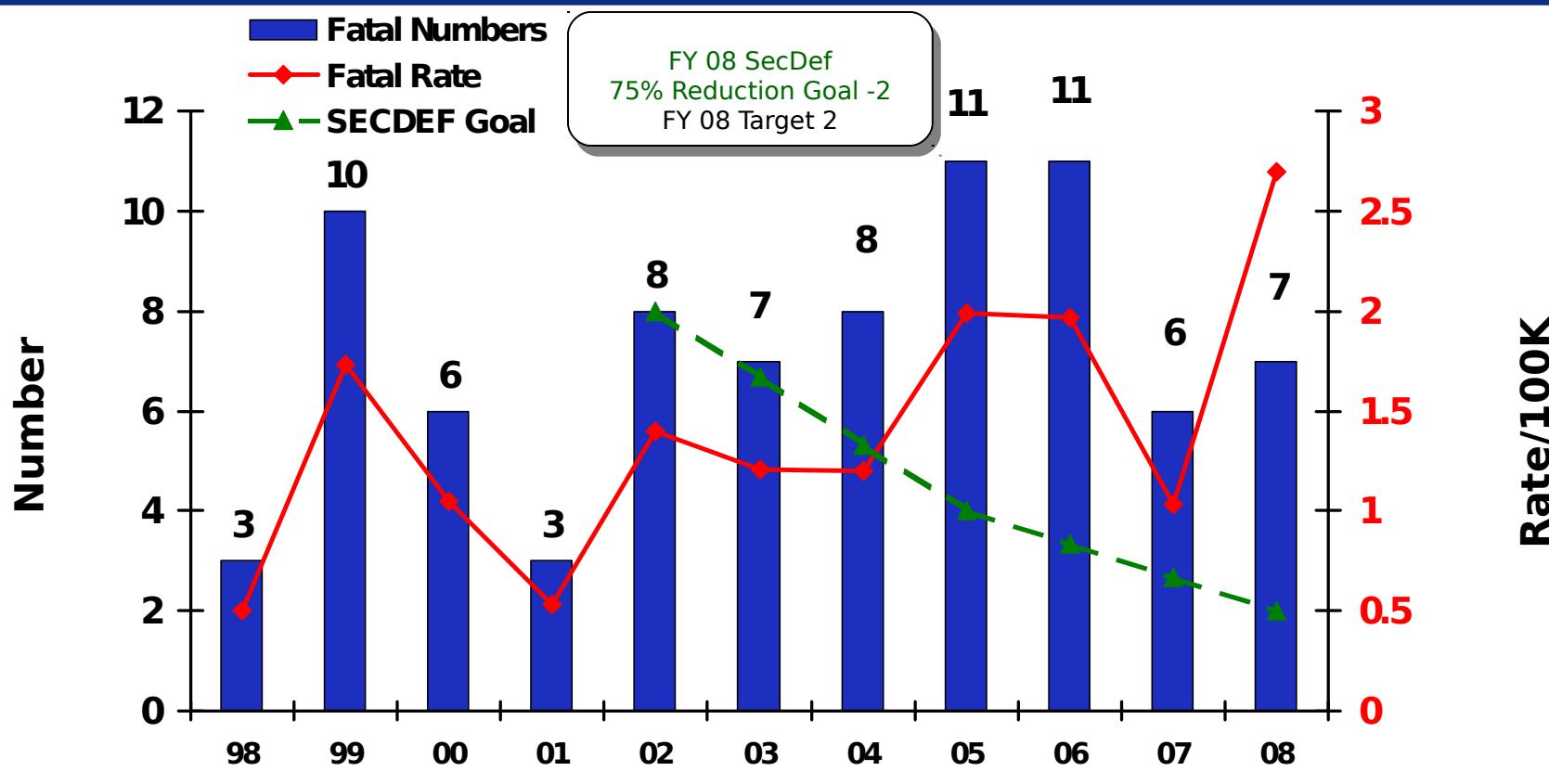


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# On-Duty Ground Fatalities

## FY 08 (thru 27 Mar 08)



Last On-duty fatality was 3 Mar

07

FY 08

FY

Ground Fatalities / Fatal Rate to Date: 7 / 2.70      4 / 1.39  
10-year Average (FY 98-07) Fatalities / Fatal Rate: 7.3 / 1.26

Integrity Service Excellence

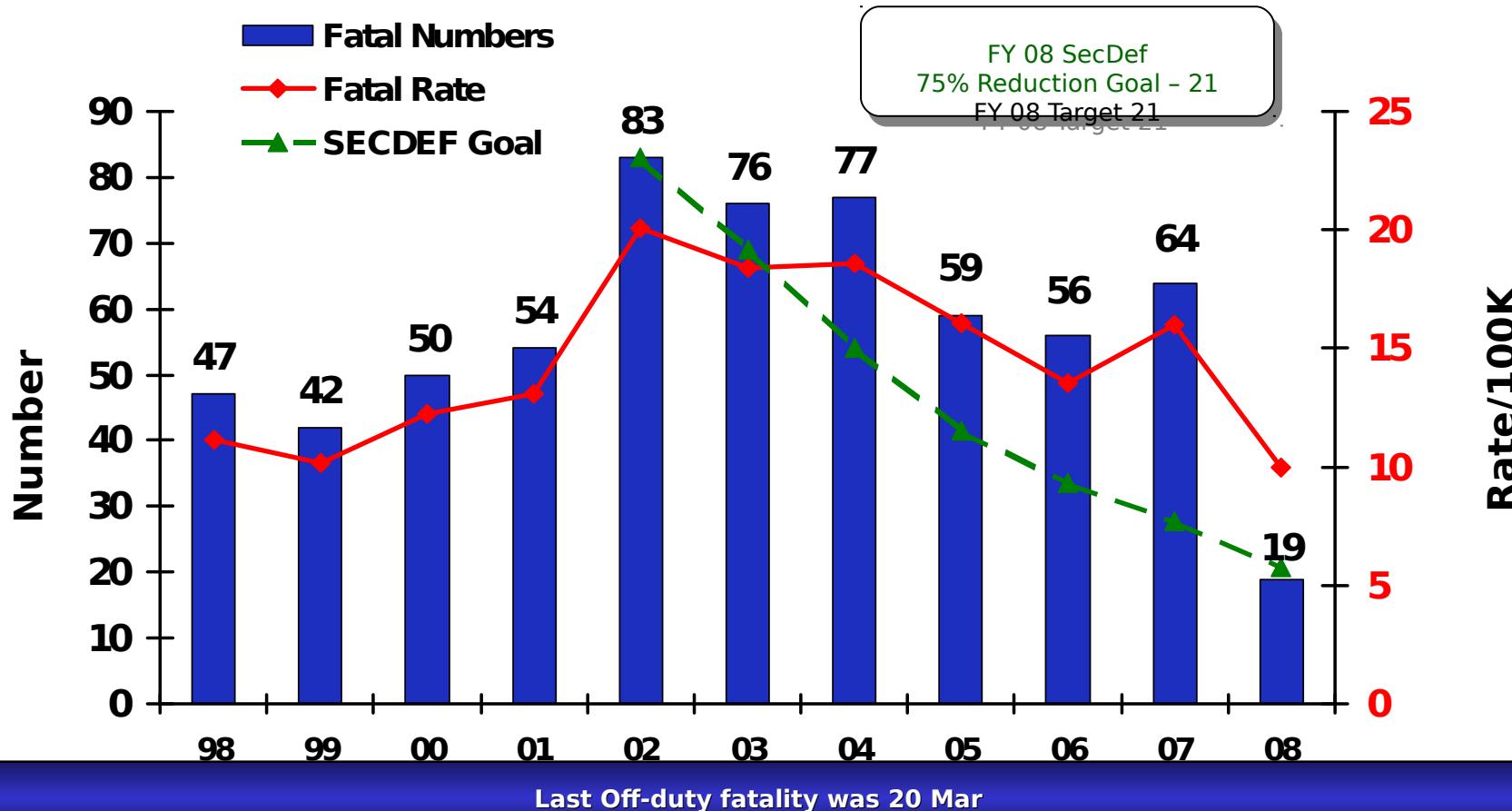


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# Off-Duty Ground Fatalities

## FY 08 (thru 27 Mar 08)

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FY 07

Ground Fatalities / Fatal Rate to Date: 19 / 10.00 30 /  
15.19

10-year Average (FY 98-07) Fatalities / Fatal Rate:

60.8 / 14.75

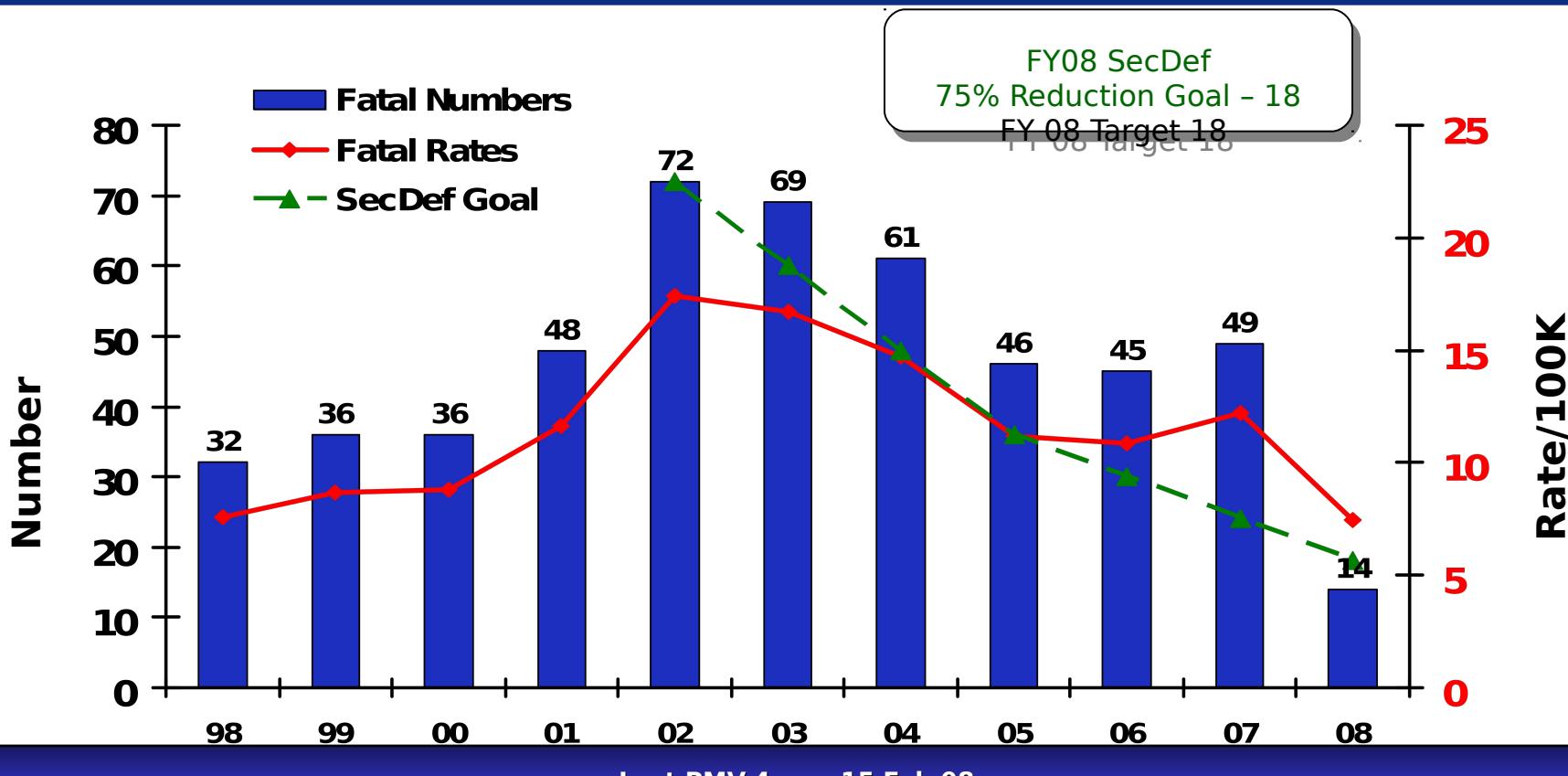


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# Off-Duty PMV Fatalities

## FY 08 (thru 25 Mar 08)



Last PMV-4 was 15 Feb 08  
Last PMV-2 was 2 Mar 08

07

PMV Fatalities / Fatal Rate to Date:  
14 / 7.45 24 /  
12.29

14 / 7.45 24 /

10-year PMV Average (FY 98-07) Fatalities / Fatal Rate:  
49.4 / 11.99

49.4 /

1

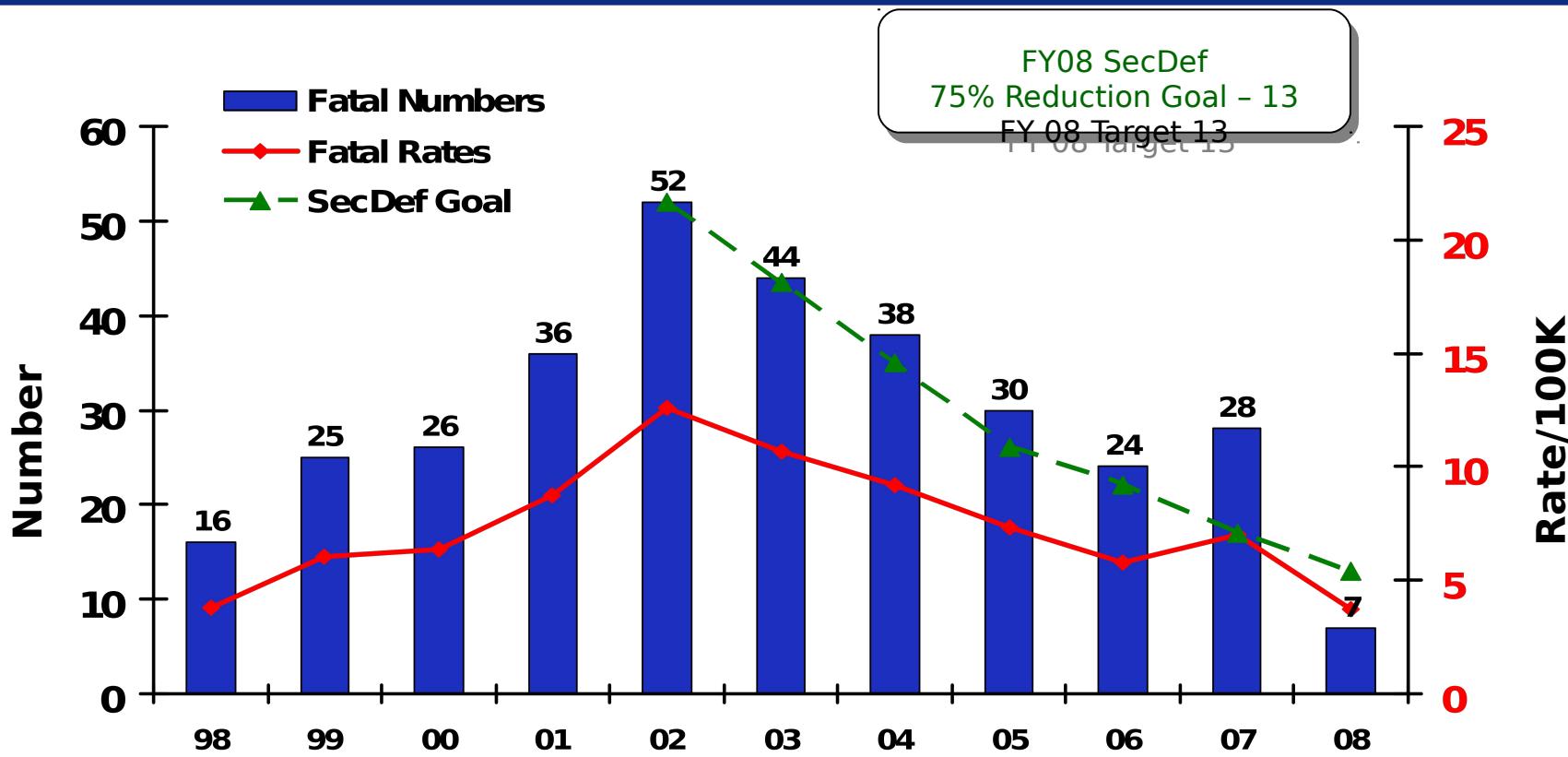


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# Off-Duty PMV-4 Fatalities

## FY 08 (thru 25 Mar 08)



Last PMV-4 was 2 Feb 08

07

PMV Fatalities / Fatal Rate to Date:  
8.71

7 / 3.72    17 /  
8.71

10-year PMV Average (FY 98-07) Fatalities / Fatal Rate:  
31.9 /  
7.74

2

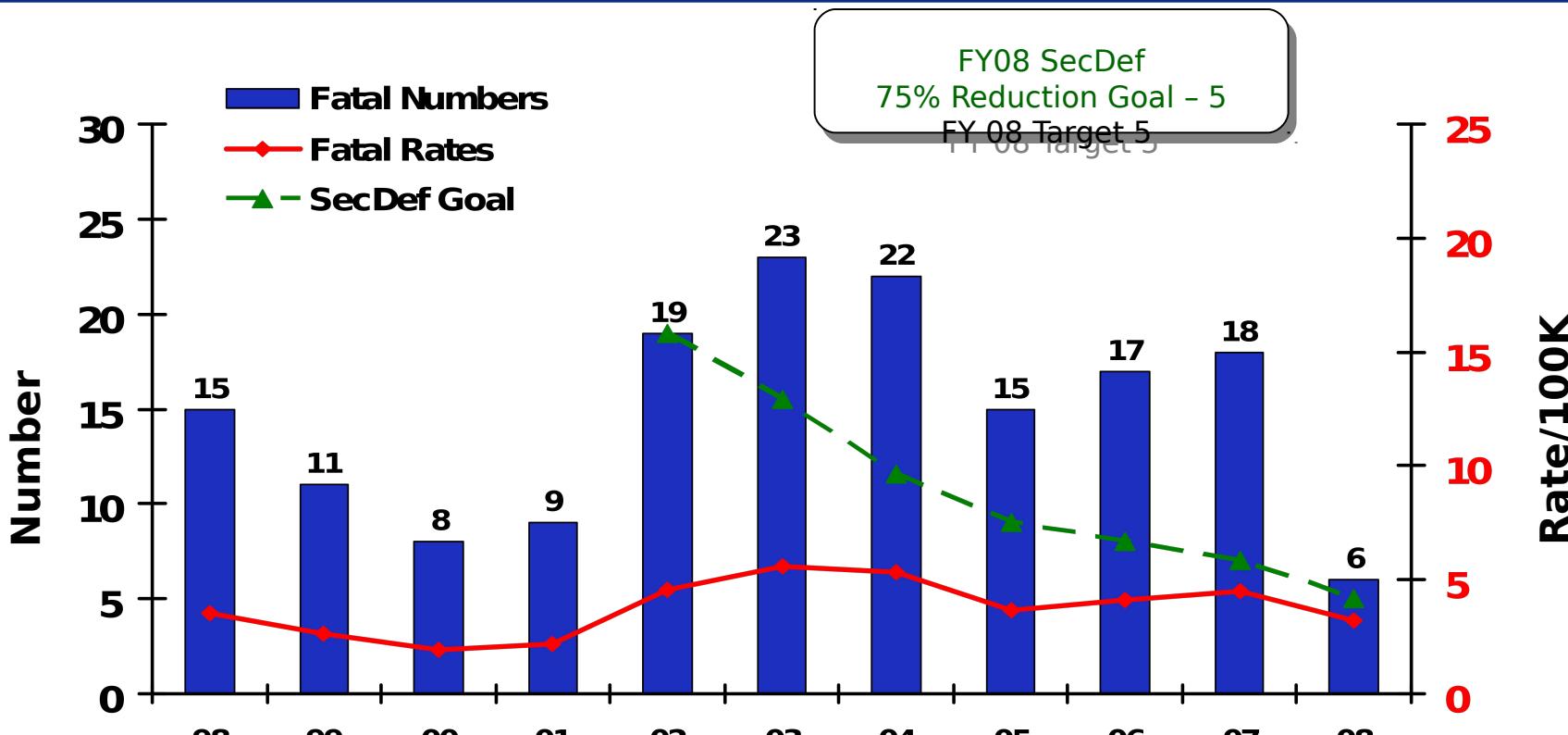


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# Off-Duty PMV-2 Fatalities

## FY 08 (thru 25 Mar 08)



Last off-duty PMV-2 was 2 Mar 08

07

PMV Fatalities / Fatal Rate to Date:

6 / 3.19

5 / 2.56

10-year PMV Average (FY 98-07) Fatalities / Fatal Rate:  
3.80

15.7 /

3



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# **PMV Challenges/Solutions**

## **Challenges:**

- ***We continue to lose most of our people in PMV mishaps***
- ***How to reach the 18-26 year group?***

## **Solutions:**

- ***101 Days of Summer Strategic Campaign at AF level targeting PMV—ready to partner with other services***
- ***Comprehensive PMV Strategic Campaign***
  - ***Commander's Tool Box***
  - ***Air Force Focus Group to target 18-26 year olds***
  - ***Targeted analysis and prevention at AF and Joint levels***
  - ***Human Factors integral to success in the campaign***



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# **Best Practice - BASH Campaign**

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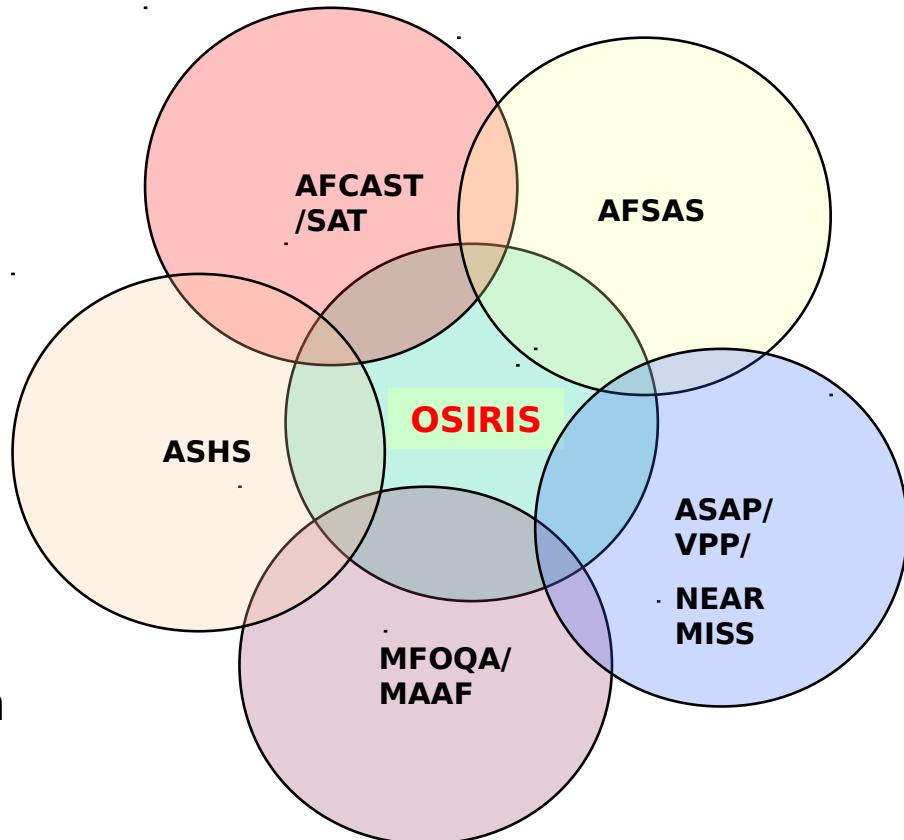
- **Multi-pronged approach on our Bird/Wildlife Animal Strike Hazard prevention program**
- **Targets users through awareness and education**
- **Utilize websites and magazines to spotlight “best practices”**
- **Fund targeted BASH SAVs during peak wildlife activity periods**
- **Joint Service participation—how can we help?**



# *Best Practice - Operational Safety, Integrated Risk Information System (OSIRIS)*

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- MFOQA - Military FOQA
- MAAF - Mishap Analysis and Animation Facility
- ASAP - anonymous reporting system
- VPP - Voluntary Protection Program
- AFSAS - AF Safety reporting system
- AFCAST/SAT - Cultural & Material Hazard Assessment Tools
- ASHS—Assessment System for Hazard Surveys



*Connecting all IT systems to provide world class safety tools*



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# AF/SE's Radar





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# Questions?

